GEOTEXTILES

TNS

ADVANCED TECHNOLOGIES
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Geotextile Product Description Sheet

Style TNS E070

TNS E070 is a superior quality, nonwoven geotextile produced by needlepunching together 100% polypropylene staple fibers in a random network to form a high strength dimensionally stable fabric. The polypropylene fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. Polypropylene is stable within a ph range of 2 to 13. TNS E070 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Weight	ASTM D 3776	oz/sq.yd.	7.0
Thickness*	ASTM D 1777	mils	90
Grab Tensile	ASTM D 4632	lbs.	200
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	75
Puncture	ASTM D 4833	lbs	115
Permitivity*	ASTM D 4491	1/sec	1.41
AOS	ASTM D 4751	U.S. Sieve	80
Permeability*	ASTM D 4491	cm/sec	.32
Mullen Burst	ASTM D 3786	psi	400
Water Flow*	ASTM D 4491	gpm/sqft	110
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70

Packaging	
Roll Dimensions-Feet (Meters)	15 x 780 (4.6 x 240)
Square Yards (Square Meters) Per Roll	1300 (1104)
Estimated Roll Weight-Lbs. (Kg)	620 (282)

- At time of manufacturing, handling may change these properties.